PATENT COOPERATION TREATY

INTERNATIONAL SEARCHING AUTHORITY

ITOH, Tadahiko

32nd Floor, Yebisu Garden Place Tower, 20 -3, Ebisu 4-chome, Shibuya -ku, Tokyo 1506032 Japan

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43 bis.1)

Date of mailing

	(da y/mc	onth/year)	10.01.2006
Applicant's or agent's file reference R05183PCT	FORF	URTHER ACTI See	ION paragraph 2 below
International application No. PCT/JP2005/020148	International filing date (day/mon 27.10.2005	th/year) Prio	ority date (day/month/year) 29.10.2004
International Patent Classification (IPC) of Int.Cl. H04N1/405 (2006. 01), B41J			11/40 (2006. 01)
Applicant RICOH COMPANY, LTD.			

citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application 7. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority				
Box No. II Priority Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(b) that writte opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPE a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220.	1.	This opinion contains indications relating to the following items:		
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3. For further details, see notes to Form PCT/ISA/220.		For fi	arther options, se	ee Form PCT/ISA/220.
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Date of completion of this opinion 21.12.200	5	
Name and mailing address of the ISA/JP	Authorized officer	5V 9745
	Shinya Kauchi	
3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan	Telephone No. +81-3-3581-1101 Ext.	3571

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2005/020148

Βα	x No. I	Basis of the opinion
1.	With re	gard to the language, this opinion has been established on the basis of:
		the international application in the language in which it was filed
		translation of the international application into , which is the language of a
		ranslation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2.	claime	egard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the dinvention, this opinion has been established on the basis of:
	a. type	of material
		a sequence listing
	П	table(s) related to the sequence listing
	h form	nat of material
	U. IOIII	on paper
		in electronic form
	lJ	in electronic form
	c. time	of filing/furnishing
	. [contained in the international application as filed
	П	filed together with the international application in electronic form
		furnished subsequently to this Authority for the purposes of search
3.		In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Additio	onal comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2005/020148

Box No. V Reasoned statement under Ru citations and explanations sup			43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; arting such statement		
1.	Statement				
	Novelty (N)	Claims Claims	1-20	YES NO	
	Inventive step (IS)	Claims Claims	1-20	YES NO	
	· Industrial applicability (I	A) Claims Claims	1-20	YES NO	

2. Citations and explanations:

D1 JP 2002-77608 A (RICOH COMPANY, LTD.) 2002.03.15, whole document D2 JP 2000-270210 A (CANON KABUSHIKI KAISHA) 2000.09.29, whole document D3 JP 11-261819 A (MINORUTA KABUSHIKI KAISHA) 1999.09.24, whole document D4 JP 6-125456 A (SHARP CORPORATION) 1994.05.06, whole document

The subject matter of claim 1--20 is neither disclosed in any of the documents cited in the ISR nor obvious to a person skilled in the art.